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Express Mail Label No. EV 410 059 001 US
Attorney Docket No. 1975/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Confirmation No.: 3615

Michael Johnson

Application No.: 10/668,876

Group Art Unit: 3762

Filed: September 22, 2003

Examiner: Not Yet Assigned

For: MEDICAL DEVICE HAVING ARBITRARILY-SHAPED ELECTRODES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**NEW POWER OF ATTORNEY AND REVOCATION
OF PREVIOUS POWERS OF ATTORNEY**

Sir:

As assignee of record of the entire right, title, and interest in the above-referenced patent application per the attached Statement Under 37 CFR § 3.73(b), all powers of attorney previously given are hereby revoked, and I hereby appoint V. Roland Smith, who is Patent Counsel at St. Jude Medical, Daig Division, Inc., Reg. No. 37,727, together with the patent practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the United States Patent and Trademark Office in connection therewith, and I direct that all correspondence and telephone communications be addressed to S. Craig Hemenway, Reg. No. 44,759, at (303) 629-3400 of the below Customer Number:

USPTO Customer No. 20686

Dated this 24th day of May 2005.

ASSIGNEE:
St. Jude Medical, Daig Division, Inc.

By:

Name:

Title:

Jane Song
President



Attorney Docket No. 1975/US
Express Mail Label No. EV 410059001 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicant	: Michael Johnson	
Appln. No.	: 10/668,876	Confirmation No.: 3615
Filed	: September 22, 2003	Group Art Unit: 3762
Title	: MEDICAL DEVICE HAVING ARBITRARILY-SHAPED ELECTRODES	Examiner: Not Yet Assigned

CERTIFICATE OF MAILING BY EXPRESS MAIL


Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Transmittal Letter (1 page);
2. Copy of Executed New Power of Attorney and Revocation of Previous Powers of Attorney (1 page);
3. Copy of Executed Statement Under 37 C.F.R. § 3.73(b) (1 page);
4. Copy of Executed Assignment (2 pages);
5. Certificate of Mailing by Express Mail (1 page); and
6. Return Card

relating to the above application, were deposited as "Express Mail" under 37 CFR § 1.10, Mailing Label No. EV 410059001 US, with the United States Postal Service addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 16, 2005.

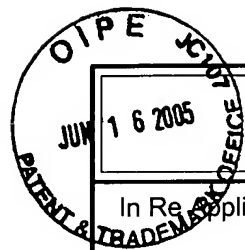


Mailer's Signature
Print Name: J. Howell

Dorsey & Whitney LLP

EV410059001US

Tel: 303-629-3400
Fax: 303-629-3450



**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
1975/US

In Re Application Of: **Michael Johnson**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/668,876	September 22, 2003	Not Yet Assigned	20686	3762	3615

Title: **MEDICAL DEVICE HAVING ARBITRARILY-SHAPED ELECTRODES**

COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- Copy of Executed New Power of Attorney and Revocation of Previous Powers of Attorney (1 page);
- Copy of Executed Statement Under 37 C.F.R. 3.73(b); and
- Copy of Executed Assignment (2 pages)

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **04-1415** as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

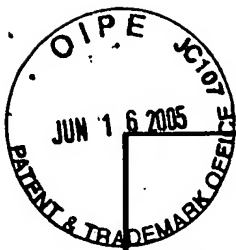

Signature

Dated: June 16, 2005

S. Wade Johnson, Registration No. 50,873
Dorsey & Whitney LLP
Republic Plaza Building, Suite 4700
370 Seventeenth Street
Denver, CO 80202-5647
Phone: (303) 629-3400
Fax: (303) 629-3450
USPTO Customer No. 20686

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 4450, Alexandria, VA 22312-4450 (37 CFR 1.8(a)) on
_____ (Date)
_____ Signature of Person Mailing Correspondence
_____ Typed or Printed Name of Person Mailing Correspondence

CC:



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Michael Johnson

Application No./Patent No.: 10/668,876 Filed/Issue Date: September 22, 2003

Entitled: MEDICAL DEVICE HAVING ARBITRARILY-SHAPED ELECTRODES

St. Jude Medical, Daig Division, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

24 May 2005
Date

Telephone number

Jane Song
Typed or printed name
Jane Song
Signature
President
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, Michael Johnson of 4600 44th Avenue South, Minneapolis, Minnesota 55406, hereinafter ASSIGNOR, has invented certain new and useful improvements in MEDICAL DEVICE HAVING ARBITRARILY-SHAPED ELECTRODES, for which United States patent application number 10/668,876 was filed on 22 September 2003;

AND WHEREAS St. Jude Medical, Daig Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at 14901 DeVeau Place, Minnetonka, Minnesota 55345, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefor throughout the world;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00 USD) and other good and valuable consideration to us in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

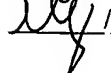
AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

AND I HEREBY FURTHER covenant and agree that this Assignment is effective as of 22 September 2003.

Assignors' Initials

 _____

IN TESTIMONY WHEREOF, ASSIGNOR hereunto sets his hand on the under-mentioned day and year, and delivers this Assignment.

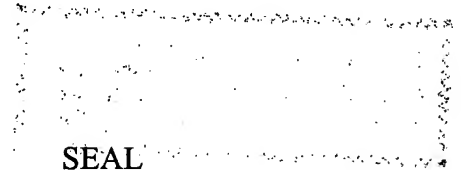
Date: February 26, 2004

[Signature]
Michael Johnson

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Michael Johnson, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

February 26, 2004
(Date)

Minnetonka
(Place)



Jan 31, 2005
(Commission Expiry Date)

Barbara A. Amstett
(Notary Public: Signature and Name)

SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

AND, IN TESTIMONY WHEREOF, said ASSIGNEE hereunto sets its hand on the under-mentioned day and year.

26 Feb 2004
(Date)

[Signature]
Assignee: St. Jude Medical, Daig Division, Inc.
David W. Adinolfi
President

Barbara A. Amstett
(Witness: Signature and Name)

Dorise Efrug Pmeault
(Witness: Signature and Name)

Assignors' Initials
[Signature]